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UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA, OAKLAND DIVISION

CHASOM BROWN, WILLIAM BYATT,
JEREMY DAVIS, CHRISTOPHER
CASTILLO, and MONIQUE TRUJILLO,
individually and on behalf of all similarly
situated,

Plaintiffs,

v.

GOOGLE LLC,
Defendant.

Case No. 4:20-cv-03664-YGR-SVK

**[PROPOSED] ORDER GRANTING
GOOGLE LLC’S RENEWED
ADMINISTRATIVE MOTION TO SEAL
PORTIONS OF THE MATERIAL
ASSOCIATED WITH
PLAINTIFFS’ REQUEST FOR AN
ORDER FOR GOOGLE TO SHOW
CAUSE FOR WHY IT SHOULD NOT
BE SANCTIONED FOR DISCOVERY
MISCONDUCT**

Referral: Hon. Susan van Keulen, USMJ

[PROPOSED] ORDER

Before the Court is Google LLC's Renewed Administrative Motion To Seal Portions Of The Material Associated With Plaintiffs' Request For An Order For Google To Show Cause For Why It Should Not Be Sanctioned For Discovery Misconduct ("Motion"). Having considered the Motion, supporting declarations, and other papers on file, and good cause having been found, the Court **ORDERS** as follows:

1. Dkt. 429

Documents Sought to Be Sealed	Text to be Sealed	Reason(s) for Court's Ruling
Plaintiffs' Request for Order For Google To Show Cause for Why It Should Not Be Sanctioned for Discovery Misconduct	GRANTED as to the portions at: PDF Pages 8:8-9, 8:10-11, 8:13-15, 8:20, 11:20, 12:16, 13:4, 13:21, 15:2-8, 16:14-23, 20:22, 21:7-10, 21:12, 21:21, 22:3, 23:14	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, data signals and logs and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
Declaration of Mark C. Mao in Support of Plaintiffs' Order to Show Cause Motion	GRANTED as to the portions at: PDF Pages 3:12-13, 3:26-27,	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's

	4:3, 4:11, 4:19, 4:23-24, 4:27, 5:1, 5:12-13, 5:16, 5:20-28, 6:5, 6:8-9, 6:13-14, 6:17, 6:19-21, 7:5-6, 7:8, 7:10, 7:15, 7:18, 8:5, 8:13, 8:23, 9:4	internal systems and operations, including various types of Google's internal projects, data signals and logs and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
Mao Decl., Exhibit 3 (GOOG-BRWN-00845423)	GRANTED as to: Redacted in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal project, data signals and logs and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect

1			Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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6	Mao Decl., Exhibit 4 (GOOG-BRWN- 00023909)	GRANTED as to: Redacted in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding its employees, their organizational division, manager, and title, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may attempt to contact and/or hire these employees relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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21	Mao Decl., Exhibit 8 (excerpts from the December 2, 2021 deposition of Google employee Chris Liao)	GRANTED as to the portions at: Pages 122:24, 123:2, 123:8, 123:23, 124:11, 124:18, 124:23, 124:25, 126:6, 126:8, 126:12, 126:23, 127:9-10, 127:19, 128:7, 128:9, 131:19, 131:25, 132:5, 132:10-11, 132:15, 132:22, 133:4, 133:9, 133:12, 133:15, 133:19, 134:13, 138:10, 138:19, 139:7, 139:18, 139:24, 140:5, 140:21,	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, data signals and logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals
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1		141:24	Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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10	Mao Decl., Exhibit 9	GRANTED as to:	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal project, data signals and logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
11	(GOOG-BRWN-	Redacted in its entirety	
12	00845312)		
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27	Mao Decl., Exhibit 10	GRANTED as to:	The information requested to be sealed contains Google's highly confidential and proprietary information regarding
28	(GOOG-BRWN-	Redacted in its entirety	
	00845569)		

1		highly sensitive features of Google's
2		internal systems and operations,
3		including various types of Google's
4		internal projects, data signals and logs
5		and their proprietary functionalities, as
6		well as internal metrics, that Google
7		maintains as confidential in the ordinary
8		course of its business and is not
9		generally known to the public or
10		Google's competitors. Such confidential
11		and proprietary information reveals
12		Google's internal strategies, system
13		designs, and business practices for
14		operating and maintaining many of its
15		important services, and falls within the
16		protected scope of the Protective Order
17		entered in this action. See Dkt. 81 at 2-3.
18		Public disclosure of such confidential
19		and proprietary information could affect
20		Google's competitive standing as
21		competitors may alter their systems and
22		practices relating to competing products.
23		It may also place Google at an increased
24		risk of cybersecurity threats, as third
25		parties may seek to use the information
26		to compromise Google's internal
27		practices relating to competing products.
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	Mao Decl., Exhibit 11 (GOOG-BRWN- 00845277)	GRANTED as to: Redacted in its entirety
		The information requested to be sealed
		contains Google's highly confidential
		and proprietary information regarding
		highly sensitive features of Google's
		internal systems and operations,
		including various types of Google's
		internal projects and their proprietary
		functionalities, as well as internal
		metrics and investigation into financial
		impact of certain features, that Google
		maintains as confidential in the ordinary
		course of its business and is not
		generally known to the public or
		Google's competitors. Such confidential
		and proprietary information reveals
		Google's internal strategies, system
		designs, and business practices for
		operating and maintaining many of its
		important services, and falls within the
		protected scope of the Protective Order
		entered in this action. See Dkt. 81 at 2-3.

1			Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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7	Mao Decl., Exhibit 12 (GOOG-CABR- 05144884)	GRANTED as to: Redacted in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, as well as internal metrics and investigation into financial impact of certain features, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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24	Mao Decl., Exhibit 14 (GOOG-CABR- 04324934)	GRANTED as to: Redacted in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects and their proprietary functionalities, as well as internal
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1			metrics and investigation into financial
2			impact of certain features, that Google
3			maintains as confidential in the ordinary
4			course of its business and is not
5			generally known to the public or
6			Google's competitors. Such confidential
7			and proprietary information reveals
8			Google's internal strategies, system
9			designs, and business practices for
10			operating and maintaining many of its
11			important services, and falls within the
12			protected scope of the Protective Order
13			entered in this action. See Dkt. 81 at 2-3.
14			Public disclosure of such confidential
15			and proprietary information could affect
16			Google's competitive standing as
17			competitors may alter their systems and
18			practices relating to competing products.
19			It may also place Google at an increased
20			risk of cybersecurity threats, as third
21			parties may seek to use the information
22			to compromise Google's internal
23			practices relating to competing products.
24	Mao Decl., Exhibit 15	GRANTED as to:	The information requested to be sealed
25	(GOOG-BRWN-	Redacted in its entirety	contains Google's highly confidential
26	00845477)		and proprietary information regarding
27			highly sensitive features of Google's
28			internal systems and operations,
			including various types of Google's
			internal projects, data signals and logs
			and their proprietary functionalities, as
			well as internal metrics, that Google
			maintains as confidential in the ordinary
			course of its business and is not
			generally known to the public or
			Google's competitors. Such confidential
			and proprietary information reveals
			Google's internal strategies, system
			designs, and business practices for
			operating and maintaining many of its
			important services, and falls within the
			protected scope of the Protective Order
			entered in this action. See Dkt. 81 at 2-3.
			Public disclosure of such confidential
			and proprietary information could affect
			Google's competitive standing as
			competitors may alter their systems and
			practices relating to competing products.

1			It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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4	Mao Decl., Exhibit 16 (GOOG-BRWN-00845481)	GRANTED as to: Redacted in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal project, data signals and logs and their proprietary functionalities, as well as internal metrics and investigation into financial impact of certain features, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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22	Mao Decl., Exhibit 17 (GOOG-BRWN-00845437)	GRANTED as to: Redacted in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, data signals and logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential
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1			and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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11	Mao Decl., Exhibit 18	GRANTED as to:	The information requested to be sealed
12	(GOOG-CABR-	Redacted in its entirety	contains Google's highly confidential
13	05280756)		and proprietary information regarding
14			highly sensitive features of Google's
15			internal systems and operations,
16			including various types of Google's
17			internal projects, data signals and logs
18			and their proprietary functionalities, as
19			well as internal metrics, that Google
20			maintains as confidential in the ordinary
21			course of its business and is not
22			generally known to the public or
23			Google's competitors. Such confidential
24			and proprietary information reveals
25			Google's internal strategies, system
26			designs, and business practices for
27			operating and maintaining many of its
28			important services, and falls within the
			protected scope of the Protective Order
			entered in this action. See Dkt. 81 at 2-3.
			Public disclosure of such confidential
			and proprietary information could affect
			Google's competitive standing as
			competitors may alter their systems and
			practices relating to competing products.
			It may also place Google at an increased
			risk of cybersecurity threats, as third
			parties may seek to use the information
			to compromise Google's internal
			practices relating to competing products.
	Mao Decl., Exhibit 19	GRANTED as to the portions	The information requested to be sealed

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	(excerpts of Google's Responses and Objections to Plaintiffs' Ninth Set of Interrogatories)	at: Page 4:13	contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal log, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
17 18 19 20 21 22 23 24 25 26 27 28	Mao Decl., Exhibit 20 (February 23, 2022 email exchange between counsel for Plaintiffs and counsel for Google)	GRANTED as to the portions at: PDF Pages 2-4	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, data signals and logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect

1			Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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6	Mao Decl., Exhibit 21 (GOOG-CABR- 05757329)	GRANTED as to: Redacted in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, data signals and logs and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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23	Mao Decl., Exhibit 22 (GOOG-BRWN- 00845281)	GRANTED as to: Redacted in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, data signals and logs and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary
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1			course of its business and is not
2			generally known to the public or
3			Google's competitors. Such confidential
4			and proprietary information reveals
5			Google's internal strategies, system
6			designs, and business practices for
7			operating and maintaining many of its
8			important services, and falls within the
9			protected scope of the Protective Order
10			entered in this action. See Dkt. 81 at 2-3.
11			Public disclosure of such confidential
12			and proprietary information could affect
13	Mao Decl., Exhibit 23	GRANTED as to:	Google's competitive standing as
14	(GOOG-BRWN-	Redacted in its entirety	competitors may alter their systems and
15	00845275)		practices relating to competing products.
16			It may also place Google at an increased
17			risk of cybersecurity threats, as third
18			parties may seek to use the information
19			to compromise Google's internal
20			practices relating to competing products.
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22			The information requested to be sealed
23			contains Google's highly confidential
24			and proprietary information regarding
25			highly sensitive features of Google's
26			internal systems and operations,
27			including various types of Google's
28			internal projects, data signals and logs
			and their proprietary functionalities, as
			well as internal metrics, that Google
			maintains as confidential in the ordinary
			course of its business and is not
			generally known to the public or
			Google's competitors. Such confidential
			and proprietary information reveals
			Google's internal strategies, system
			designs, and business practices for
			operating and maintaining many of its
			important services, and falls within the
			protected scope of the Protective Order
			entered in this action. See Dkt. 81 at 2-3.
			Public disclosure of such confidential
			and proprietary information could affect
			Google's competitive standing as
			competitors may alter their systems and
			practices relating to competing products.
			It may also place Google at an increased
			risk of cybersecurity threats, as third
			parties may seek to use the information

1			to compromise Google's internal practices relating to competing products.
2	Mao Decl., Exhibit 24	GRANTED as to:	The information requested to be sealed
3	(GOOG-BRWN-	Redacted in its entirety	contains Google's highly confidential
4	00845274)		and proprietary information regarding
5			highly sensitive features of Google's
6			internal systems and operations,
7			including various types of Google's
8			internal projects, data signals, and links
9			to internal documents, that Google
10			maintains as confidential in the ordinary
11			course of its business and is not
12			generally known to the public or
13			Google's competitors. Such confidential
14			and proprietary information reveals
15			Google's internal strategies, system
16			designs, and business practices for
17			operating and maintaining many of its
18			important services, and falls within the
19	Mao Decl., Exhibit 25	GRANTED as to:	protected scope of the Protective Order
20	(GOOG-CABR-	Redacted in its entirety	entered in this action. See Dkt. 81 at 2-3.
21	03668216)		Public disclosure of such confidential
22			and proprietary information could affect
23			Google's competitive standing as
24			competitors may alter their systems and
25			practices relating to competing products.
26			It may also place Google at an increased
27			risk of cybersecurity threats, as third
28			parties may seek to use the information
			to compromise Google's internal
			practices relating to competing products.

		important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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2. Dkt. 510

Document	Text To Be Sealed	Basis for Sealing Portion of Document
Plaintiffs' Administrative Motion to File Supplement in Support of Their Motion for Order For Google To Show Cause for Why It Should Not Be Sanctioned for Discovery Misconduct	GRANTED as to the portions at: Pages 1:10-13, 1:24, 2:1, 2:6, 2:9-10, 3:5, 3:14, 4:10-11, 4:13, 4:17, 4:19, 5:10, 5:25-26	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal project, data signals, and logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an

		increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
Declaration of Mark C. Mao in Support of Plaintiffs' Administrative Motion to File Supplement in Support of Their Request for Order to Show Cause Motion	GRANTED as to the portions at: Pages 1:20-24, 2:1, 3:17, 3:22, 4:2, 4:4	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal project, data signals and logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
Mao Decl., Exhibit 1 (GOOG-BRWN-00536949)	GRANTED as to: Redacted in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, data signals and logs and their proprietary

		functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
Mao Decl., Exhibit 2	GRANTED as to: Redacted in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal project, data signals, and logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of

		such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
<p>Mao Decl., Exhibit 3 (Excerpts of the Deposition Transcript of Dr. Caitlin Sadowski)</p>	<p>GRANTED as to the portions at:</p> <p>Pages 64:11-12, 65:1, 66:15-20, 68:6-8, 68:17-19, 69:10, 70:3, 70:5-6, 70:18, 70:21, 70:23, 71:9, 72:24-25, 73:17, 73:22, 74:2-3, 74:7, 74:10, 76:24-25, 80:8-9, 80:13, 80:16, 80:24, 81:3-5, 81:7, 81:12-14, 85:11, 87:10, 87:16-17, 87:23, 88:4, 88:10, 91:4, 91:13, 91:17, 92:11</p>	<p>The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal projects, data signals and logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.</p>
<p>Mao Decl., Exhibit 4 (Excerpts of the Deposition Transcript of Mandy Liu)</p>	<p>GRANTED as to the portions at:</p> <p>Pages 14:18, 14:25, 15:10-12, 15:14-15, 39:8,</p>	<p>The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's</p>

1		40:5, 40:9, 40:11, 40:16-17	internal systems and operations, including various types of Google's internal projects, data signals and logs and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. See Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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3. Dkt. 527 & 4. Dkt. 529 (Correction of Ansong Exhibits)

Documents Sought to Be Sealed	Text to be Sealed	Reason(s) for Court's Ruling
Google's Opposition for Sanctions	<p>GRANTED as to the portions at:</p> <p>Pages 2:10, 4:4, 4:7, 4:15, 4:19-20, 5:5, 5:13, 5:24-25, 6:7-8, 6:10-11, 6:14, 6:18-19, 7:18-19, 7:21, 10:24, 10:27, 12:19-20, 13:9, 13:12, 13:15, 13:17, 13:19, 14:1, 14:7, 14:27-28, 15:9, 15:15, 15:20, 15:22, 15:26, 16:9, 18:28, 19:1, 19:4, 19:12, 21:14-</p>	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.

1		15, 21:19	
2	Ansorge Declaration	GRANTED as to the portions at:	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
3		Pages 2:20, 2:23, 3:3,	
4		3:10, 4:11, 4:14, 4:17,	
5		5:17, 5:24, 5:27-28, 6:3,	
6		6:5-6, 6:9-11, 6:14-15,	
7		7:5, 7:7, 7:13-14, 7:16,	
8		7:21, 7:24-25, 7:28, 8:8,	
9		8:13-14, 8:28, 9:14, 10:6-	
10		7, 10:11-12, 10:25, 10:27-	
11		28, 11:2, 11:4, 11:11,	
12		11:19-20, 11:22, 12:19-	
13		20, 13:23, 14:1, 14:27,	
14		15:14, 15:25, 16:4, 16:14	
15	Exhibit 3 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at:	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to data signals and logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
16		Pages 66:5, 67:18	
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20	Exhibit 4 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at:	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal data sources, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
21		Page 2	
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26	Exhibit 5 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at:	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
27		Pages 1-2	
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	Exhibit 6 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for	GRANTED as to the portions at:	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details
		Pages 1-2	

1	Sanctions		related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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5	Exhibit 7 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Page 1	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal data sources, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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10	Exhibit 9 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Page 1	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, as well as Google's internal practices with regard to Incognito and its proprietary functions, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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18	Exhibit 10 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 1-2	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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25	Exhibit 11 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Page 1	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary
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		course of its business and is not generally known to the public or Google's competitors.
Exhibit 12 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 1, 3-8	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, Google's internal practices with regard to Incognito and its proprietary functions, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 15 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 8-10	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 16 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Page 1	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 17 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 3-4	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 18 to Ansorge	GRANTED as to the	Narrowly tailored to protect confidential

1 2 3 4 5 6	Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	portions at: Pages 2, 6-7, 10-11	technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
7 8 9 10 11	Exhibit 19 to Ansonge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
12 13 14 15 16	Exhibit 20 to Ansonge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
17 18 19 20 21 22	Exhibit 21 to Ansonge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to logs and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
23 24 25 26 27 28	Exhibit 22 to Ansonge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.

1 2 3 4 5 6 7	Exhibit 23 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
8 9 10 11 12	Exhibit 24 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal metrics, internal identifiers, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
13 14 15 16 17 18	Exhibit 25 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal metrics, internal identifiers, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
19 20 21 22 23 24	Exhibit 26 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
25 26 27 28	Exhibit 27 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, and their proprietary functionalities, that Google

		maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 28 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal metrics, project names, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 29 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal metrics, project names, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 30 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal metrics, project names, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 31 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal metrics, project names, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 32 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details

1	Sanctions		related to internal metrics, project names, and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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5	Exhibit 33 to Ansonge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal metrics, project names, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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11	Exhibit 34 to Ansonge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including the various types of data sources which include details related to internal metrics, project names, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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17	Exhibit 35 to Ansonge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal metrics, project names, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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23	Exhibit 36 to Ansonge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal projects and their proprietary functionalities, as well as, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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1 2 3 4 5 6	Exhibit 37 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal metrics, project names, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
7 8 9 10 11 12	Exhibit 38 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Page 8:12	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
13 14 15 16 17	Exhibit 39 to Ansorge Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to: Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
18 19 20 21 22 23	Liao Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 1:4-5, 1:7-8, 3:2, 3:6, 3:8-14, 3:16	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
24 25 26 27 28	Leung Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 1:11-12, 2:16-17, 3:11-4:2, 4:5-6, 4:8	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its

1			business and is not generally known to the public or Google's competitors.
2	Golueke Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 1:22, 1:24, 2:12-13, 2:15-16, 2:20, 3:1, 3:10, 4:8, 4:13	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, data sources, logs, and its proprietary functions, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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9	Exhibit 1 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, as well as internal metrics and investigation into financial impact of certain features, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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15	Exhibit 2 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, as well as internal metrics and investigation into financial impact of certain features, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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21	Exhibit 3 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, internal metrics, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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28	Exhibit 4 to Trebicka Declaration in support of	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly

1 2 3 4 5	Google's Opposition to Plaintiffs' Request for Sanctions		sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, internal metrics, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
6 7 8 9 10 11 12	Exhibit 5 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, internal metrics, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
13 14 15 16 17	Exhibit 7 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
18 19 20 21 22 23	Exhibit 8 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect highly sensitive and confidential information regarding Google's internal systems and operations, including details related to employees and organizational structure, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
24 25 26 27 28	Exhibit 9 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, internal metrics, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not

1			generally known to the public or Google's competitors.
2	Exhibit 10 to Trebicka	Redacted in its entirety	Narrowly tailored to protect confidential
3	Declaration in support of		technical information regarding highly
4	Google's Opposition to		sensitive features of Google's internal
5	Plaintiffs' Request for		systems and operations, including details
6	Sanctions		related to internal project names, internal
7			identifiers, internal metrics, and their
8			proprietary functionalities, that Google
9	Exhibit 11 to Trebicka	Redacted in its entirety	maintains as confidential in the ordinary
10	Declaration in support of		course of its business and is not
11	Google's Opposition to		generally known to the public or
12	Plaintiffs' Request for		Google's competitors.
13	Sanctions		Narrowly tailored to protect confidential
14			technical information regarding highly
15	Exhibit 12 to Trebicka	Redacted in its entirety	sensitive features of Google's internal
16	Declaration in support of		systems and operations, including details
17	Google's Opposition to		related to internal project names, internal
18	Plaintiffs' Request for		identifiers, data signals, internal metrics
19	Sanctions		and their proprietary functionalities, that
20			Google maintains as confidential in the
21	Exhibit 13 to Trebicka	Redacted in its entirety	ordinary course of its business and is not
22	Declaration in support of		generally known to the public or
23	Google's Opposition to		Google's competitors.
24	Plaintiffs' Request for		Narrowly tailored to protect confidential
25	Sanctions		technical information regarding highly
26			sensitive features of Google's internal
27	Exhibit 15 to Trebicka	Redacted in its entirety	systems and operations, including details
28	Declaration in support of		related to internal project names, internal
			identifiers, and their proprietary
			functionalities, that Google maintains as
			confidential in the ordinary course of its
			business and is not generally known to
			the public or Google's competitors.
	Exhibit 15 to Trebicka	Redacted in its entirety	Narrowly tailored to protect confidential
	Declaration in support of		technical information regarding highly

1	Google's Opposition to Plaintiffs' Request for Sanctions		sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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6	Exhibit 16 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal data signals, internal identifiers, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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12	Exhibit 17 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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18	Exhibit 18 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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25	Exhibit 19 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, internal metrics, and their proprietary functionalities, that Google
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1			maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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3	Exhibit 20 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, internal metrics, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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10	Exhibit 21 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, details related to internal project names, internal identifiers, internal metrics, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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17	Exhibit 22 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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23	Exhibit 23 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or
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1			Google's competitors.
2	Exhibit 24 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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8	Exhibit 25 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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14	Exhibit 26 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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21	Exhibit 27 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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27	Exhibit 28 to Trebicka Declaration in support of Google's Opposition to	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal
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1	Plaintiffs' Request for Sanctions		systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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6	Exhibit 29 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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12	Exhibit 30 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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18	Exhibit 31 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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25	Exhibit 33 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Page 2	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal data signals and logs, that Google maintains as confidential in the ordinary course of its business and is
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		not generally known to the public or Google's competitors.
Exhibit 34 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 2-25	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, internal metrics, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 35 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 2, 4	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 36 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 2	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, internal links, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 39 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 262:5, 262:7, 262:15, 262:24	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, data signals, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
Exhibit 40 to Trebicka Declaration in support of Google's Opposition to	GRANTED as to the portions at:	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal

1	Plaintiffs' Request for Sanctions	Pages 131:19, 131:25, 132:5, 132:10-11, 132:15, 132:22, 133:4, 133:9, 133:12, 133:15, 133:19	systems and operations, including details related to internal project names, internal identifiers, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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5	Exhibit 42 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 69:10, 70:3, 70:5-6, 70:18, 70:21, 70:23, 71:9, 72:24-25, 73:17, 73:22, 76:24-25, 77:8, 91:4, 91:13, 91:17, 92:11	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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11	Exhibit 47 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 40:4, 40:23-24, 41:1, 41:3, 41:8, 41:15, 47:23-24, 48:6, 48:8-9, 48:18	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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17	Exhibit 49 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	GRANTED as to the portions at: Pages 4:12, 4:18, 4:21-22, 372:11, 372:15	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal project names, internal identifiers, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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22	Exhibit 50 to Trebicka Declaration in support of Google's Opposition to Plaintiffs' Request for Sanctions	Redacted in its entirety	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.
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5. Dkt. 535

Document	Text To Be Sealed	Basis for Sealing Portion of Document
Plaintiffs' Reply in Support of Request for an Order For Google To Show Cause for Why It Should Not Be Sanctioned for Discovery Misconduct	GRANTED as to the portions at: Pages 1:5, 1:8-9, 3:1, 3:14-15, 4:4-5, 4:7, 4:9, 4:19, 5:4, 5:10, 6:15-16, 6:23, 7:1-2, 7:9-11, 8:14-15, 11:18	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
Third Declaration of Mark C. Mao in Support of Plaintiffs' Request for Order to Show	GRANTED as to the portions at:	The information requested to be sealed contains Google's highly confidential and proprietary

<p>1 Cause Motion (Mao Reply 2 Declaration)</p>	<p>PDF Pages 3:10-13, 3:15, 3:18, 3:20-21, 3:26-27, 4:2, 4:12-14</p>	<p>information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.</p>
<p>19 Mao Reply Decl., Exhibit 1</p>	<p>GRANTED as to the portions at: PDF Page 2</p>	<p>The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's</p>

1			internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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11	Mao Reply Decl., Exhibit 2	GRANTED as to the portions at: PDF Pages 2-4	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an
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		increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
Mao Reply Decl., Exhibit 3 (Transcript of March 23, 2022 Hearing before Special Master Douglas Brush)	GRANTED as to the portions at: Pages 6:3, 12:16, 39:19- 20, 40:4, 41:1, 41:15, 43:17-19, 44:3, 44:22, 45:4, 47:24, 48:18, Index (PDF Pages 28, 33)	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
Mao Reply Decl., Exhibit 4 (GOOG-BRWN-00846508)	GRANTED as to the portions at: Sealed in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their

		<p>proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.</p>
<p>Mao Reply Decl., Exhibit 5 (GOOG-CABR-03849022)</p>	<p>GRANTED as to the portions at:</p> <p>Sealed in its entirety</p>	<p>The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective</p>

1			Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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9	Mao Reply Decl., Exhibit 6 (Stipulation)	GRANTED as to the portions at: Pages 3:11, 3:13-4:9	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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28	Declaration of Christopher	GRANTED as to the	The information requested to be

<p>Thompson in Support of Plaintiff's Request for an Order to Show Cause</p>	<p>portions at:</p> <p>PDF Pages 3:25, 4:19-20, 4:26-27, 5:2-7, 5:9, 5:17-19, 5:23, 6:3-5, 6:8, 6:10-11, 6:15, 6:17-19, 7:26, 8:1-2, 9:14-15, 9:17-18, 9:22</p>	<p>sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.</p>
<p>Thompson Decl., Exhibit B-1 (GOOG-CABR-05256755)</p>	<p>GRANTED as to the portions at:</p> <p>Sealed in its entirety</p>	<p>The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or</p>

		<p>Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.</p>
<p>Thompson Decl., Exhibit B-2 (GOOG-CABR-00799341)</p>	<p>GRANTED as to the portions at:</p> <p>PDF Page 2</p>	<p>The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, and their proprietary functionalities, Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It</p>

		may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
Thompson Decl., Exhibit C (GOOG-CABR-04773853)	GRANTED as to the portions at: Sealed in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
Thompson Decl., Exhibit D (GOOG-CABR-03652549)	GRANTED as to the portions at: Sealed in its entirety	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's

		internal projects, identifiers, data signals, and logs, and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
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6. Dkt. 548

Documents Sought to Be Sealed	Text to be Sealed	Reason(s) for Court's Ruling
Google's Proposed Findings of Fact and Conclusions of Law	GRANTED as to the portions at: Pages 2:12, 2:25-26, 3:2-3, 3:15, 4:15, 5:13-18, 6:7, 6:17-19, 6:23-24, 7:17-18, 9:1, 9:9, 9:11, 9:15-16, 10:15	Narrowly tailored to protect confidential technical information regarding highly sensitive features of Google's internal systems and operations, including details related to project names, internal identifiers, data signals, logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors.

7. Dkt. 551

Document	Text To Be Sealed	Basis for Sealing Portion of Document
Plaintiffs' Proposed Findings of Fact and Conclusions of Law (Dkt. 551)	<p>GRANTED as to the portions at:</p> <p>Pages 3:23-25, 4:2-4, 4:24-25, 5:19-22, 6:1-2, 6:5, 6:9, 6:11, 6:13, 6:25, 7:22-23, 7:25, 8:8, 8:11, 8:17-8:27, 9:1-15, 15:15-17, 16:14-17, 19:25, 21:2, 21:6, 23:1, 23:3, 25:16-17, 26:7-9, 26:11, 26:17, 27:1-2, 27:7, 27:26, 28:1-32, 28:17, 28:19, 28:26, 29:11, 29:16, 30:19, 31:10, 31:13, 31:15-16, 31:20, 31:27, 33:5, 33:18, 35:5, 35:16, 41:18-19, 41:22, 41:25, 42:1, 42:10, 42:13, 42:17, 42:25, 47:15, 52:22, 53:9-10</p>	<p>The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal projects, identifiers, data signals, and logs, and their proprietary functionalities, as well as internal metrics, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.</p>

8. Dkt. 582

Document	Text To Be Sealed	Basis for Sealing Portion of Document
Exhibit A to Mao Declaration - Plaintiffs' (Proposed) May 16, 2022 Supplement to Their	<p>GRANTED as to the portions at:</p>	<p>The information requested to be sealed contains Google's highly confidential and proprietary</p>

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Sanctions Motion	Page 2:18	information regarding highly sensitive features of Google's internal systems and operations, including Google's internal logs, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within the protected scope of the Protective Order entered in this action. <i>See</i> Dkt. 81 at 2-3. Public disclosure of such confidential and proprietary information could affect Google's competitive standing as competitors may alter their systems and practices relating to competing products. It may also place Google at an increased risk of cybersecurity threats, as third parties may seek to use the information to compromise Google's internal practices relating to competing products.
18 19 20 21 22 23 24 25 26 27 28	Exhibit B to Mao Declaration - Google's Supplemental Objections and Responses to Plaintiffs' Interrogatories Set 9 (No. 35)	GRANTED as to the portions at: Pages 5:4-7, 5:20-6:18, 6:20, 6:27, 7:3, 7:7-10, 7:14-15	The information requested to be sealed contains Google's highly confidential and proprietary information regarding highly sensitive features of Google's internal systems and operations, including various types of Google's internal data signals and logs, and their proprietary functionalities, that Google maintains as confidential in the ordinary course of its business and is not generally known to the public or Google's competitors. Such confidential and proprietary information reveals Google's internal strategies, system designs, and business practices for operating and maintaining many of its important services, and falls within

1 the protected scope of the Protective
2 Order entered in this action. *See* Dkt.
3 81 at 2-3. Public disclosure of such
4 confidential and proprietary
5 information could affect Google's
6 competitive standing as competitors
7 may alter their systems and practices
8 relating to competing products. It
9 may also place Google at an
increased risk of cybersecurity
threats, as third parties may seek to
use the information to compromise
Google's internal practices relating
to competing products

10
11 **SO ORDERED.**

12
13 DATED: _____

HON. SUSAN VAN KEULEN
United States Magistrate Judge